



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 6302

SERIAL NUMBER 10/644,022	FILING OR 371(c) DATE 08/20/2003 RULE	CLASS 360	GROUP ART UNIT 2627	ATTORNEY DOCKET NO. 1021.43049X00
-----------------------------	--	--------------	------------------------	--------------------------------------

**APPLICANTS**

Yoshiaki Kawato, Sendai, JAPAN;  
 Kazuhiro Nakamoto, Odawara, JAPAN;  
 Hiroyuki Hoshiya, Odawara, JAPAN;  
 Yasuyuki Okada, Odawara, JAPAN;  
 Masafumi Mochizuki, Koganei, JAPAN;

**\*\* CONTINUING DATA \*\*\*\*\***

None WIL

**\*\* FOREIGN APPLICATIONS \*\*\*\*\***

JAPAN 2003-012988 01/22/2003  
 JAPAN 2003-196859 07/15/2003

Noted WIL

**IF REQUIRED, FOREIGN FILING LICENSE GRANTED \*\***

04/29/2004

Foreign Priority claimed	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY	SHEETS DRAWING	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance	JAPAN	20	21	5
Verified and Acknowledged	Examiner's Signature	Initials			

**ADDRESS**

020457

**TITLE**

Thin film perpendicular magnetic recording head, their fabrication process and magnetic disk drive using it

FILING FEE RECEIVED 986	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
----------------------------	---	---